

New 1-(4-amino-benzyl)-pyrrolidine propionic acid derivatives**Publication number:** DE19603767**Publication date:** 1997-08-07**Inventor:** WAGNER ADALERT DR (DE); BREIPOHL GERHARD DR (DE); HEITSCH HOLGER DR (DE); GERHARDS HERMANN DR (DE); NOELKEN GERHARD DR (DE); WIRTH KLAUS DR (DE); SCHOELKENS BERNWARD PROF DR (DE)**Applicant:** HOECHST AG (DE)**Classification:**

- international: C07D207/08; C07D207/20; C07D401/12; C07D409/14; C07D207/00; C07D401/00; C07D409/00; (IPC1-7): C07D521/00; C07D401/10; A61K31/40; A61K31/445; C07D207/08; C07D207/20; C07D209/52; C07D215/48; C07D409/14; C07D207/20; C07D319/06; C07D405/04; C07D207/08; C07D211/62; C07D401/10; C07D207/20; C07D211/62; C07D401/10; C07D207/08; C07D211/62; C07D333/06; C07D409/14

- european: C07D207/08A; C07D207/20; C07D401/12; C07D409/14

Application number: DE19961003767 19960202**Priority number(s):** DE19961003767 19960202[Report a data error here](#)**Abstract of DE19603767**

Pyrrolidine derivatives of formula (I), and their salts are new: R¹ = OH, 1-10C alkoxy, 3-10C alkenyloxy, 1-3C alkyl-(6-10C)aryloxy or NR⁶R⁷; R² = 1-10C alkyl, 2-10C alkenyl, 3-10C alkynyl or (CH₂)_m-B-(CH₂)_nR⁵ (all optionally substituted by a COR¹ group, or optionally substituted by one or more halo); (6-10C)aryl-(1-3C)alkyl or (6-10C)-aryl (both optionally ring substituted by 1-2 halo, 1-4C alkoxy, NO₂ or CN); or 3-8C cycloalkyl, (4-10C) cycloalkyl-(1-4C)alkyl, (5-10C)cycloalkyl-(2-4C)alkenyl or (5-10C)cycloalkyl-(2-4C)alkynyl; R³ = H, 1-8C alkyl, 3-8C cycloalkyl, (6-10C)aryl-(1-3C)alkyl, 2-6C alkenyl or 3-6C alkynyl; or R² + R³ = 2-4C alkylene, optionally substituted by halo; R⁴ = H, 1-6C alkyl, (6-10C)aryl-(1-3C)alkyl, 3-10C alkenyl, COO-(1-6C)alkyl, COO-(1-6C)alkyl-(6-10C)aryl or C(=NH)NH₂; R⁵ = H, or a group of formula (i); R⁶, R⁷ = H, 1-10C alkyl, (6-10C)aryl-(1-3C)alkyl, 1-10C alkylamino or 1-10C alkylguanidino; R⁸ = 6-10C aryl or (6-10C)aryl-(1-3C)alkyl (both optionally substituted by one or more COR¹, halo, NO₂, CN, 1-4C alkoxy or amino); or 1-6C alkyl, 3-8C cycloalkyl or (2-6C)alkenyl; R⁹ = NH (CH₂)_oNHR⁴, O(CH₂)_oNH₂ or O(CH₂)_oNH-C(=NH)NH₂; A = a single or double bond; B = O, NR³ or S; Y = a direct bond, or an amino acid; m = 1-5; n = 1-5; o = 1-10.

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